

BG01 Site Information Form
City of Burlingame Continuously Operating Reference Station

0. Form

Prepared by (full name) : Dustin Beeson
Date Prepared : 2005-04-11
Report Type : New
If Update :
Previous Site Log :
Modified/Added Sections :

1. Site Identification of the GNSS Monument

Site Name : City of Burlingame
Four Character ID : BGO1
Monument Inscription :
IERS DOMES Number :
CDP Number :
Monument Description : STEEL MAST
Height of the Monument :
Monument Foundation : ROOF
Foundation Depth :
Marker Description :
Date Installed : 2005-01-23
Geologic Characteristic :
Bedrock Type :
Bedrock Condition :
Fracture Spacing :
Fault zones nearby :
Distance/activity :
Additional Information :

2. Site Location Information

City or Town : Burlingame
State or Province : Kansas
Country : United States of America
Tectonic Plate : North America
Approximate Position (ITRF)
X coordinate (m) :
Y coordinate (m) :
Z coordinate (m) :
Latitude (N is +) :
Longitude (E is +) :
Elevation (m,ellips.) :
Additional Information :

3. GNSS Receiver Information

3.1 Receiver Type : LEICA GRX1200PRO

Satellite System : GPS
Serial Number : 456755
Firmware Version : 2.0
Elevation Cutoff Setting : 5
Date Installed : 2005-01-23
Date Removed :
Temperature Stabiliz. :
Additional Information :

3.2 Receiver Type :
Satellite System :
Serial Number :
Firmware Version :
Elevation Cutoff Setting :
Date Installed :
Date Removed :
Temperature Stabiliz. :
Additional Information :

3.x Receiver Type :
Satellite System :
Serial Number :
Firmware Version :
Elevation Cutoff Setting :
Date Installed :
Date Removed :
Temperature Stabiliz. :
Additional Information :

4. GNSS Antenna Information

4.1 Antenna Type : LEIAX1202
Serial Number : 04380118
Antenna Reference Point : BPA
Marker->ARP Up Ecc. (m) : 0.00
Marker->ARP North Ecc(m) : 0.00
Marker->ARP East Ecc(m) : 0.00
Alignment from True N :
Antenna Radome Type : NONE
Radome Serial Number :
Antenna Cable Type : Leica
Antenna Cable Length : 8 (m)
Date Installed : 2005-01-23
Date Removed :
Additional Information :

4.x Antenna Type :
Serial Number :
Antenna Reference Point :
Marker->ARP Up Ecc. (m) :
Marker->ARP North Ecc(m) :
Marker->ARP East Ecc(m) :

Alignment from True N :
Antenna Radome Type :
Radome Serial Number :
Antenna Cable Type :
Antenna Cable Length :
Date Installed :
Date Removed :
Additional Information :

5. Surveyed Local Ties

5.x Tied Marker Name :
Tied Marker Usage :
Tied Marker CDP Number :
Tied Marker DOMES Number :
Differential Components from GNSS Marker to the tied monument (ITRS)
dx (m) :
dy (m) :
dz (m) :
Accuracy (mm) :
Survey method :
Date Measured :
Additional Information :

6. Frequency Standard

6.1 Standard Type :
Input Frequency :
Effective Dates :
Notes :

6.x Standard Type :
Input Frequency :
Effective Dates :
Notes :

7. Collocation Information

7.1 Instrumentation Type : GPS
Status : PERMANENT
Effective Dates : 2005-02-22
Notes :

7.x Instrumentation Type :
Status :
Effective Dates :
Notes :

8. Meteorological Instrumentation

8.1.1 Humidity Sensor Model :

Manufacturer :
Serial Number :
Data Sampling Interval :
Accuracy (% rel h) :
Aspiration :
Height Diff to Ant :
Calibration date :
Effective Dates :
Notes :

8.2.1 Pressure Sensor Model :

Manufacturer :
Serial Number :
Data Sampling Interval :
Accuracy :
Height Diff to Ant :
Calibration date :
Effective Dates :
Notes :

8.3.1 Temp. Sensor Model :

Manufacturer :
Serial Number :
Data Sampling Interval :
Accuracy :
Aspiration :
Height Diff to Ant :
Calibration date :
Effective Dates :
Notes :

8.4.1 Water Vapor Radiometer :

Manufacturer :
Serial Number :
Distance to Antenna :
Height Diff to Ant :
Calibration date :
Effective Dates :
Notes :

8.5.1 Other Instrumentation :

9. Local Ongoing Conditions Possibly Affecting Computed Position

9.1.1 Radio Interferences :

Observed Degradations :
Effective Dates :

Additional Information :

9.2.1 Multipath Sources :

Effective Dates :

Additional Information :

9.3.1 Signal Obstructions :

Effective Dates :

Additional Information :

10. Local Episodic Effects Possibly Affecting Data Quality

10.1 Date :

Event :

11. On-Site, Point of Contact Agency Information

Agency : City of Burlingame

Preferred Abbreviation : BGO1

Mailing Address : 101 E Santa Fe Ave, Burlingame, Ks 66413

Primary Contact

Contact Name : Kurt Hassler

Telephone (primary) : 785.654.2414

Telephone (secondary) :

Fax : 785.654.3612

E-mail : cityhall@burlingameks.gov

12. Responsible Agency (if different from 11.)

Agency : Laser Specialists Inc.

Preferred Abbreviation :

Mailing Address : 19879 W. 156th Street, Olathe, KS 66062

Primary Contact

Contact Name : Dustin Beeson

Telephone (primary) : 316.304.7806

Telephone (secondary) : 800.337.4272

Fax : 316.943.2809

E-mail : dustin.beeson@laserspecialistsinc.com

13. More Information

Primary Data Center :

Secondary Data Center :

URL for More Information :

Hardcopy on File

Site Map :

Site Diagram :

Horizon Mask :

Monument Description :

Site Pictures :

Additional Information :

Antenna Graphics with Dimensions

http://www.ngs.noaa.gov/cgi-bin/query_cal_antennas.prl?Model=LEI&Antenna=LEIAX1202